

Patent Abstracts of Japan

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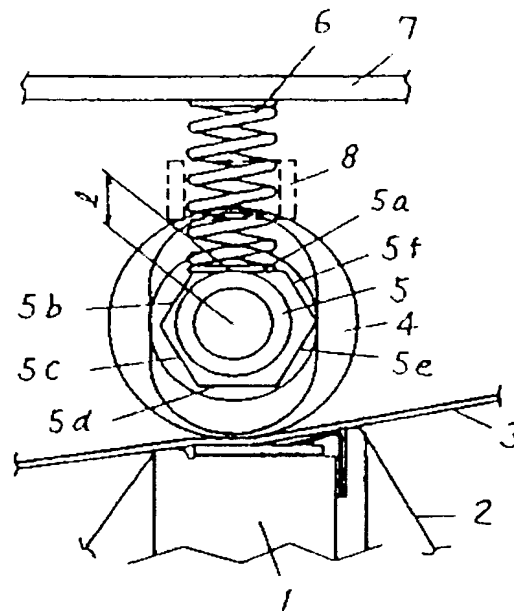
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TITLE : PLATEN PRESSING DEVICE



ABSTRACT : PURPOSE: To enable balance of pressing to be easily adjusted through only rotation of platen bearings and enable recording with a uniform density, by providing spring seat surfaces the distance of which from an axis is gradually varied, at the outer peripheral surface of each of the platen bearings.

CONSTITUTION: The outer peripheral surface of each of a pair of platen bearings 5 for rotatably supporting the ends of a shaft for a platen 4 is provided with polygonal spring seat surfaces 5a~5f the distance  $l$  of which from the axis of the platen 4 is increased by  $\Delta l$  at a time. When the close contact condition of a thermal head 1 and a thermal recording paper 3 on the left side is different from that on the right side and the density is lower on the left side, a platen bearing 6 on the left side is rotated clockwise by one step to receive a pressing spring 6 by the spring seat surface 5b, whereby the used length of the spring 6 is shortened by  $\Delta l$ , resulting in an increase in a platen energizing force on the left side. Then, recording is conducted to check the balance of recorded density between the left side and the right side. This operation is repeated to balance the pressing of the platen 4, thereby uniformizing the recorded density.

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